

# SYNOLAC<sup>®</sup> 32X

SHORT OIL ALKYD

ARKEMA COATING RESINS

**Product Application details** SYNOLAC<sup>®</sup> 32X is a short oil alkyd based on Tall Oil Fatty Acid. It produces coatings with excellent hardness, gloss retention and durability.

- Performance Benefits**
- Excellent hardness
  - Good gloss retention
  - Good durability
  - Water soak resistance

- Polymer Type**
- Solventborne Alkyd

<b>Sales Specifications</b>	Solid Content % (ISO 3251)	59 - 61
	Viscosity at 25°C, Gardner Holdt	(Z4-) – Z5
	Colour, Gardner scale (ASTM D1544)	6 max
	Acid value, mg KOH/g (ISO 2114)	11 max

<b>Other Characteristics<sup>1</sup></b>	Volatile	Xylene
	Density / Specific Gravity at 25°C, g/ml (ISO 2811)	1.02
	Type of fatty acid	Tall Oil Fatty Acid
	Fatty Acid content, %	37
	OH value, mg KOH/g (ISO 4629)	150

Note: Acid value and/or Hydroxyl value quoted relative to solid resin

<sup>1</sup> The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications

## RECOMMENDATIONS FOR USE

SYNOLAC<sup>®</sup> 32X is recommended for stoving drum enamels that require good hardness, durability and water soak resistance

## SOLUBILITY

Aromatic hydrocarbon	Complete
Ester	Complete
Ketone	Complete

## **Formulation Guidelines**

## COMPATIBILITY

Melamine Resins	Very Good
Nitro Cellulose	Very Good
Short Oil Alkyd	Good
Polyester Resins	Fair

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**Product Safety**

Please refer to the corresponding Safety Data Sheet.

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**Storage & Handling**

SYNOLAC® 32X should be stored indoors in the original, unopened and undamaged container, in a dry place at a temperature not exceeding 35°C. Exposure to direct sunlight should be avoided.

In the above mentioned storage conditions the shelf life of the resin will be 12 months.

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See SDS for Health & Safety Considerations.

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